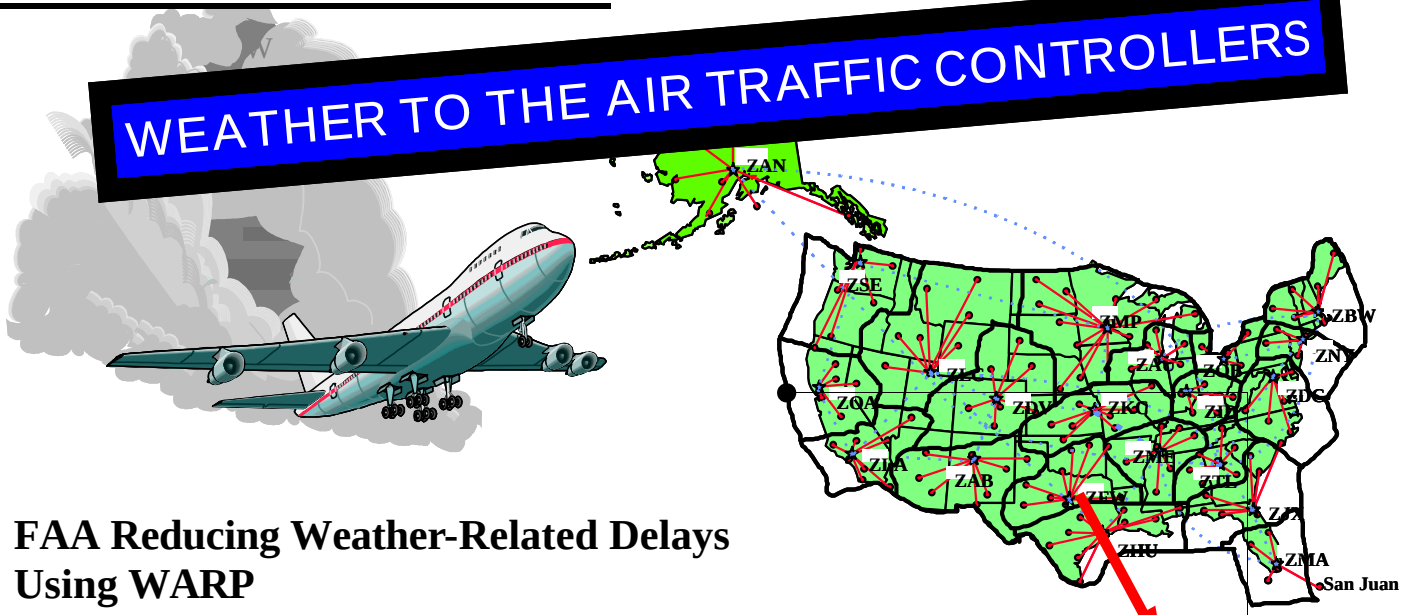
CONTROLLERS SAY IT IS THE BEST IMPROVEMENT THEY'VE SEEN AT THE CENTER.

WEATHER TO THE AIR TRAFFIC CONTROLLERS



FAA Reducing Weather-Related Delays Using WARP

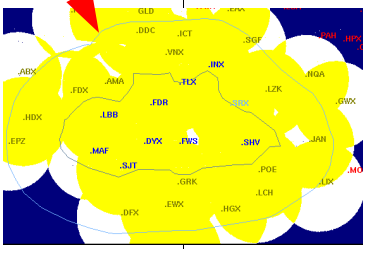
The Federal Aviation Administration (FAA) has installed a system, called WARP (Weather and Radar Processor) at air traffic control facilities nationwide that will bring weather information directly to controller displays. The system will reduce weather-related delays by allowing controllers to reroute air traffic to avoid areas of severe convective weather.

Several Air Route Traffic Control Centers currently operational and using this capability and all of the Centers will be operational by the end of 2002. This is the first time that weather information has been displayed directly to controllers, on the same screen as aircraft position data.

Fort Worth Center reported 15 departures on May 26, 2002 were made that otherwise would have been delays if not for WARP.

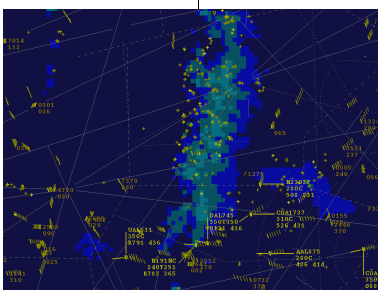
FAA replaced outdated monochrome controller displays with state-of-the-art color equipment. The capabilities of the new display systems enable WARP to provide aviation weather data from NEXRAD weather radar on air traffic controllers display along with aircraft position data, using different colors to show varying intensities of precipitation. This configuration gives the controller a more accurate view of localized precipitation and supports quicker evaluation of the current weather's impact on a particular airspace sector.

In addition to the display of NEXRAD on controller's displays, WARP provides the meteorologist and other NAS decision makers with a regional mosaic.



Fort Worth NEXRAD Radar Coverage

Weather on DSR



What Center Controllers See

Contact:

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Alfred.moosakhanian@faa.gov

Benefits:

- Reduce Delays
- Safety
- Improve En Route Weather Information.

Office of Air Traffic Systems Development

Visit our website at:
www.faa.gov/aua/ipt_prod/weather/warp/